CIRCULARS / HSQE BULLETINS

TO:

☒ MASTER
☐ CHIEF ENGINEER

APPLICABLE FOR:

☐ ALL VESSELS
☒ TANKER VESSELS
☐ TANK FARM

DOCUMENT TYPE:

☒ SAFETY BULLETIN   DOCUMENT NO. **32**

☐ ENVIRONMENTAL BULLETIN   ISSUE DATE (dd/mm/yy) **28/11/2007**

☐ HEALTH & HYGIENE BULLETIN   SUPERSEDES EXISTING DOCUMENT? ☐ YES ☒ NO

☐ TECHNICAL BULLETIN   If YES state PREVIOUS DOCUMENT NO. **N/A**

☐ CASUALTY REPORT   REVISION NO. **N/A**   REVISION DATE **N/A**

☐ CIRCULAR LETTER

SUBJECT: AIS ERRONEOUS TRANSMISSIONS

It has become evident that a small number of the ACR/Nauticast AIS systems transmit a default MMSI (1193046). This has the potential, in certain circumstances, to cause 'target swap' with a possible consequence that more than one vessel can appear as a single vessel.

According to ACR/Nauticast Technical Information, there are two potential causes of the problem:

1. The vessel's MMSI may not have been entered at installation.
2. The system memory reverts to default value when external power is lost and the internal memory backup battery becomes discharged.

The ACR / Nauticast has taken substantial steps to rectify the problem. The Technical Information attached details the actions required to be undertaken by the vessels equipped with such instrument, at the first suitable opportunity.

It is possible that the same problem exists on AIS equipment with the following trade names, to which the attached Technical Information also applies:

- Raytheon Marine RM808 AIS
- ACR Global Watch UAIS
- Marine Technologies Bridgemate AIS

- Nauticast X-Pack DS

For further details or additional help, interested parties may contact **ACR's Technical Support**:

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ACR / Nauticast™ Technical Information

Default MMSI Settings

We have received reports from some administrations who monitor Class A AIS messages that some of the ACR / Nauticast AIS systems transmit a default MMSI (1193046).

Causes

- User fails to enter an MMSI when system is installed.

- MMSI reverts to default value when external power is lost and the internal memory backup battery becomes discharged.

Corrective Actions

- Users are reminded to check operation of their AIS to assure that an MMSI has been correctly installed in the AIS.

- Users can check for condition of memory backup battery periodically as follows:

- With AIS powered up, check that proper MMSI is entered into the AIS system.

- Remove power from the AIS system for approximately 2 minutes.

- Apply power to the system and check that the correct MMSI is present.

- If step 3) shows default MMSI (1193046), the memory backup battery is probably discharged and must be serviced.

AIS TRANSPONDERS
How to Check and Change your MMSI Numbers.

Select from the Main Menu **"Service Configuration"**. Menu is SERVICE password protected with default password "NAUT". Enter your Service Password when prompted. Use the up and down arrows on keypad to select "Change MMSI / IMO" than press M5 "Select" or "by pressing number 3 on the keypad.

Input your MMSI number and press Save to store data. The unit will reboot itself after pressing Save.

Power unit off and on and verify that the unit reboots with the correct MMSI. If not, see step 4 above.